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NEWS 1 DEC 01 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS 4 JUN 26 NUTRACEUT and PHARMAML no longer updated
NEWS 5 JUN 29 IMSCOPROFILE now reloaded monthly
NEWS 6 JUN 29 EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS 7 JUL 09 PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 8 JUL 14 USGENE enhances coverage of patent sequence location (PSL) data
NEWS 9 JUL 27 CA/Cplus enhanced with new citing references
NEWS 10 JUL 16 GBFULL adds patent backfile data to 1855
NEWS 11 JUL 21 USGENE adds bibliographic and sequence information
NEWS 12 JUL 28 EPFULL adds first-page images and applicant-cited references
NEWS 13 JUL 28 INPADOCDBB and INPAFAMDB add Russian legal status data
NEWS 14 AUG 10 Time limit for inactive STN sessions doubles to 40 minutes
NEWS 15 AUG 18 COMPENDEX indexing changed for the Corporate Source (CS) field
NEWS 16 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 17 AUG 24 CA/Cplus enhanced with legal status information for U.S. patents
NEWS 18 SEP 09 50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

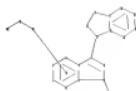
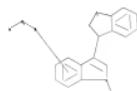
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and other penalties.

FILE 'HOME' ENTERED AT 14:58:56 ON 09 SEP 2009

=> file req

=> Uploading C:\Program Files\Stnexp\Queries\10598330.str



```

chain nodes :
19 20 21 22 23 24 25 26 27 28 29 43 44 45 46
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
chain bonds :
7-10 9-43 19-20 21-22 23-24 25-26 27-28 28-29 44-45 45-46
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 10-11 10-14 11-12 12-13 13-14
13-15 14-18 15-16 16-17 17-18
exact/norm bonds :
4-7 5-9 7-8 7-10 8-9 9-43 10-11 10-14 11-12 12-13 19-20 21-22 23-24
25-26 27-28 28-29 44-45 45-46
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-15 14-18 15-16 16-17 17-18
isolated ring systems :
containing 1 : 10 :

```

10/598,330

G1:CH2, [*1-*2], [*3-*4], [*5-*6], [*7-*8], [*9-*10]

G2:H,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS 29:CLASS 43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:Atom

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sam

SAMPLE SEARCH INITIATED 15:00:06 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 88 TO ITERATE

100.0% PROCESSED 88 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

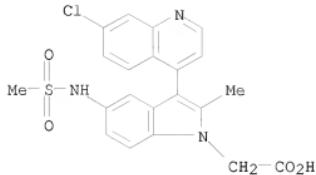
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 1198 TO 2322
PROJECTED ANSWERS: 5 TO 234

L2 5 SEA SSS SAM L1

=> d scan

L2 5 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Indole-1-acetic acid, 3-(7-chloro-4-quinolinyl)-2-methyl-5-
[(methylsulfonyl)amino]-
MF C21 H18 Cl N3 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

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=> s 11 full
FULL SEARCH INITIATED 15:00:14 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1752 TO ITERATE
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100.0% PROCESSED 1752 ITERATIONS
SEARCH TIME: 00.00.01
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L3 55 SEA SSS FUL L1

=> file ca

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=> s 13
L4 3 L3
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=> d ibib abs fhitstr 1-3

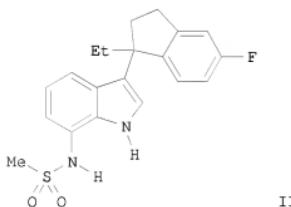
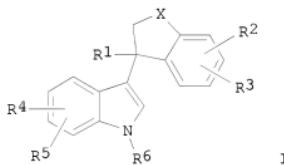
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L4 ANSWER 1 OF 3 CA COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 143:347052 CA
TITLE: Bicyclic substituted indole derivatives as steroid
hormone nuclear receptor modulators, their
preparation, pharmaceutical compositions, and use in
therapy
INVENTOR(S): Gavardinas, Konstantinos; Jadhav, Prabhakar Kondaji;
Wang, Minmin
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 92 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
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| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005092854 | A1 | 20051006 | WO 2005-US5240 | 20050218 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, | | | | |

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
 SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

| | | | |
|--|-------------|------------------|------------|
| AU 2005226759 | A1 20051006 | AU 2005-226759 | 20050218 |
| CA 2557745 | A1 20051006 | CA 2005-2557745 | 20050218 |
| EP 1723105 | A1 20061122 | EP 2005-723294 | 20050218 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | |
| CN 1926104 | A 20070307 | CN 2005-80006709 | 20050218 |
| BR 2005007657 | A 20070710 | BR 2005-7657 | 20050218 |
| JP 2007526304 | T 20070913 | JP 2007-501817 | 20050218 |
| IN 2006KN02239 | A 20070525 | IN 2006-KN2239 | 20060808 |
| US 20070185161 | A1 20070809 | US 2006-598330 | 20060824 |
| MX 2006009953 | A 20061116 | MX 2006-9953 | 20060831 |
| PRIORITY APPLN. INFO.: | | US 2004-549754P | P 20040303 |
| | | WO 2005-US5240 | W 20050218 |

OTHER SOURCE(S): CASREACT 143:347052; MARPAT 143:347052
 GI



AB The invention relates to indole derivs. of formula I, which are modulators of steroid hormone nuclear receptors. In compds. I, X is CH_2 , $(\text{CH}_2)_2$,

(CH₂)₃, CH₂O, CH₂S, or (un)substituted CH₂N; R₁ is H, C1-4 alkyl, C3-7 cycloalkyl, hydroxy-C1-4 alkyl, halo-C1-4 alkyl, etc.; R₂ and R₃ are independently selected from H, halo, Cl-4 alkyl, or (un)substituted heterocyclyl; R₄ is H, halo, amino, nitro, Cl-4 alkyl, Cl-4 alkoxy, sulfonylamino, carbonylamino, Cl-4 alkylcarbonyl, and Cl-4 alkoxy carbonyl; R₅ is H or halo; and R₆ is H or Cl-4 alkyl; including pharmaceutically acceptable salts thereof. The invention also relates to the preparation of I, pharmaceutical compns. containing compound I in combination with a pharmaceutically acceptable carrier, diluent, or excipient, as well as to the use of the compns. for treatment of physiol. disorders, particularly congestive heart disease, hypertension, and atherosclerosis. Addition of ethylmagnesium bromide to 5-fluoroindan-1-one followed by condensation with N-(1H-indol-7-yl)methanesulfonamide (preparation in 2 steps from 7-nitroindole given) resulted in the formation of indanylindole derivative II. The two enantiomers of II were separated by chiral HPLC. Most of the compds. of the invention, including compound II and its enantiomers, express high affinity for mineralocorticoid and glucocorticoid receptors, with values for K_i ≤ 500 nM.

IT 865719-16-0P, (R)-N-[3-(1-Ethyl-5-fluoroindan-1-yl)-1H-indol-7-yl]methanesulfonamide

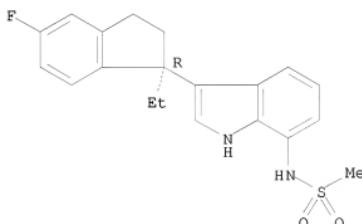
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(chiral drug candidate; preparation of bicyclic indole derivs. as steroid hormone nuclear receptor modulators)

RN 865719-16-0 CA

CN Methanesulfonamide, N-[3-[(1R)-1-ethyl-5-fluoro-2,3-dihydro-1H-inden-1-yl]-1H-indol-7-yl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)

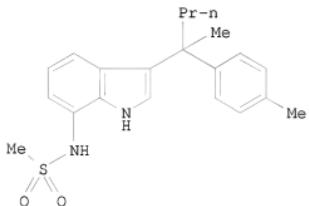
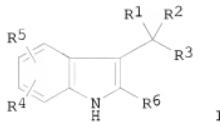
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CA COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 141:190682 CA
TITLE: Preparation of indole-derived modulators of steroid
hormone nuclear receptors
INVENTOR(S): Bell, Michael Gregory; Gavardinas, Konstantinos;
Gernert, Douglas Linn; Grese, Timothy Alan; Jadhav,

Prabhakar Kondaji; Lander, Peter Ambrose; Steinberg,
 Mitchell Irvin
 PATENT ASSIGNEE(S): Eli Lilly and Company, USA
 SOURCE: PCT Int. Appl., 243 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|------------|
| WO 2004067529 | A1 | 20040812 | WO 2004-US17 | 20040120 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI | | | | |
| AU 2004207740 | A1 | 20040812 | AU 2004-207740 | 20040120 |
| CA 2511806 | A1 | 20040812 | CA 2004-2511806 | 20040120 |
| EP 1597254 | A1 | 20051123 | EP 2004-703558 | 20040120 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2004006883 | A | 20060103 | BR 2004-6883 | 20040120 |
| CN 1742007 | A | 20060301 | CN 2004-80002685 | 20040120 |
| JP 2007500253 | T | 20070111 | JP 2006-536489 | 20040120 |
| US 20060235222 | A1 | 20061019 | US 2005-542621 | 20050715 |
| MX 2005007857 | A | 20051018 | MX 2005-7857 | 20050722 |
| IN 2005KN01428 | A | 20070622 | IN 2005-KN1428 | 20050722 |
| PRIORITY APPLN. INFO.: | | | US 2003-441947P | P 20030122 |
| | | | WO 2004-US17 | W 20040120 |

OTHER SOURCE(S): MARPAT 141:190682
 GI



AB Title compds. I [R1 = cycloalkyl, alkynyl, aryl, etc.; R2 = alkyl, cycloalkyl, aryl, etc.; R3 = alkyl, haloalkyl, cycloalkyl, etc.; R4 = H, halo, OH, amino, etc.; R5 = H, halo, OH, amino, etc.; R6 = H, halo, alkyl, etc.] are prepared. For instance, N-(1H-indol-7-yl)methanesulfonamide is reacted with the appropriate carbinol (CH_2Cl_2 , TFA) to give II. II has $K_i < 500 \text{ nM}$ for the mineralocorticoid and glucocorticoid receptor. I are useful for treating, e.g., congestive heart disease.

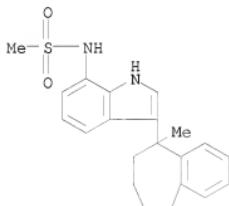
IT 737802-90-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(indole-derivative modulators of steroid hormone nuclear receptors)

RN 737802-90-3 CA

CN Methanesulfonamide, N-[3-(6,7,8,9-tetrahydro-5-methyl-5H-benzocyclohepten-5-yl)-1H-indol-7-yl]- (CA INDEX NAME)

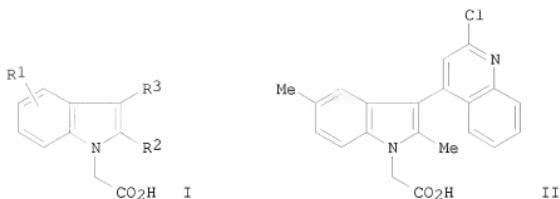


OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD
 (15 CITINGS)
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CA COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 140:16644 CA
 TITLE: Preparation of indolylacetic acid derivatives to treat
 diseases mediated by prostaglandin D2
 INVENTOR(S): Birkinshaw, Timothy; Bonnert, Roger; Cook, Anthony;
 Rasul, Rukhsana; Sangane, Hitesh; Teague, Simon
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.
 SOURCE: PCT Int. Appl., '74 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 2003101981 | A1 | 20031211 | WO 2003-SE855 | 20030527 |
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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
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KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2003232712 | A1 | 20031219 | AU 2003-232712 | 20030527 |
| EP 1549634 | A1 | 20050706 | EP 2003-756137 | 20030527 |
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| JP 2005534646 | T | 20051117 | JP 2004-509672 | 20030527 |
| US 20050222201 | A1 | 20051006 | US 2004-516165 | 20041130 |
| PRIORITY APPLN. INFO.: | | | SE 2002-1636 | A 20020530 |
| | | | SE 2002-3822 | A 20021220 |
| | | | WO 2003-SE855 | W 20030527 |

OTHER SOURCE(S): MARPAT 140:16644
 GI



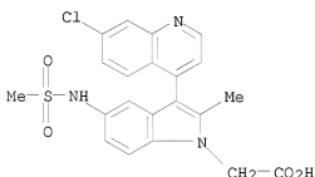
AB Title compds. I [R1 = H, halo, CN, NO₂, sulfonyl, OH, alkoxy, etc.; R2 = H, halo, CN, sulfonyl, carboxamido, CH₂OH, etc.; R3 = (un)substituted (hetero)aryl] are prepared. For instance, 2,5-dimethylindole is reacted with 4,7-dichloroquinoline (PhMe/THF, EtMgBr) and the resulting indole alkylated with Et bromoacetate (THF, NaH) and saponified to give II. Example compds. have IC₅₀ < 10 μM for the rhCRTh2 receptor. I are useful in the treatment of respiratory disorders.

IT 629644-69-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indolylacetic acid derivs. to treat diseases mediated by prostaglandin D2)

RN 629644-69-5 CA

CN 1H-Indole-1-acetic acid, 3-(7-chloro-4-quinolinyl)-2-methyl-5-[(methylsulfonyl)amino]- (CA INDEX NAME)



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file marpat

The new MARPAT User Guide is now available at:
<http://www.cas.org/support/stndgen/stndoc/marpat.html>.

=> s ll full
FULL SEARCH INITIATED 15:02:03 FILE 'MARPAT'

10/598,330

FULL SCREEN SEARCH COMPLETED - 16699 TO ITERATE

100.0% PROCESSED 16699 ITERATIONS
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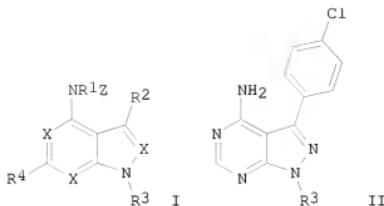
6 ANSWERS

L5 6 SEA SSS FUL L1

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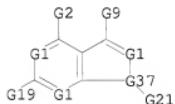
L5 ANSWER 1 OF 6 MARPAT COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 147:522266 MARPAT
TITLE: Aminopyrazolopyrimidines and related compounds useful
for inhibition of alpha-synuclein toxicity and their
preparation
INVENTOR(S): Lindquist, Susan L.; Outeiro, Tiago; Labaudiniere,
Richard; Fleming, James; Bulawa, Christine Ellen;
Weigel, Charlotte; Liang, Feng; Gupta, Sandeep; Ripka,
Amy
PATENT ASSIGNEE(S): Foldrx Pharmaceuticals, Inc., USA; Whitehead Institute
for Biomedical Research
SOURCE: PCT Int. Appl., 133 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|---------------------|------------------|----------|
| WO 2007126841 | A2 | 20071108 | WO 2007-US7607 | 20070329 |
| WO 2007126841 | A3 | 20081106 | | |
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GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM,
KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK,
MN, MM, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
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BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| AU 2007245129 | A1 | 20071108 | AU 2007-245129 | 20070329 |
| CA 2647543 | A1 | 20071108 | CA 2007-2647543 | 20070329 |
| EP 2007373 | A2 | 20081231 | EP 2007-754168 | 20070329 |
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AL, BA, HR, MK, RS | | | | |
| JP 2009531443 | T | 20090903 | JP 2009-502960 | 20070329 |
| CN 101460161 | A | 20090617 | CN 2007-80020299 | 20081201 |
| PRIORITY APPLN. INFO.: | | | US 2006-787113P | 20060329 |
| | | | WO 2007-US7607 | 20070329 |
| OTHER SOURCE(S): | | CASREACT 147:522266 | | |
| GI | | | | |



AB Compds. of formula I and compns. are provided for treatment or amelioration of one or more symptoms of α -synuclein toxicity, α -synuclein mediated diseases or diseases in which α -synuclein fibrils are a symptom or cause of the disease. Compds. of formula I wherein each X is independently C and CH; R1 and Z are independently H, CHO, acyl, CO2H and derivs., SOH and derivs., SO2H and derivs., etc.; R2 and R3 are independently H, halo, CN, SH and derivs., OH, and derivs., NH2 and derivs., CO2H and derivs., CONH2 and derivs., etc.; R4 is H, halo, CN, SH and derivs., OH and derivs., NH2 and derivs., NO2, CO2H and derivs., etc.; and their pharmaceutically acceptable salts thereof, are claimed. Example compound II was prepared by cyclization of 5-amino-1H-pyrazole-4-carbonitrile with formamide; the resulting 4-amino-1H-pyrazolo[3,4-d]pyrimidine underwent iodination to give 4-amino-3-iodo-1H-pyrazolo[3,4-d]pyrimidine, which underwent N-alkylation with cyclopropanemethanol to give 4-amino-1-cyclopropyl-3-iodopyrazolo[3,4-d]pyrimidine, which underwent cross-coupling with 4-chlorophenylboronic acid to give compound II. All the invention compds. were evaluated for their α -synuclein toxicity inhibitory activity. From the assay, it was determined that the tested compds. exhibited MRC of less than about 300 μ M.

MSTR 1



G1 = CH
 G9 = 33 / 54 / 72 / 73 / naphthyl (opt. substd.)

₃₃G10-G11 ₅₄G15-G16 ₇₂G17-G15-G16 ₇₃G17-G18

G11 = alkyl <containing 1-20 C> (opt. substd.)
 G15 = SO2
 G17 = NH
 G18 = 80

G15-G11
80

G19 = 89 / 104 / 115 / 116

G10-G11 G15-G16 G17-G15-G16 G17-G18
89 104 115 116

G21 = 124 / 139 / 150 / 151

G10-G11 G15-G16 G17-G15-G16 G17-G18
124 139 150 151

G37 = N

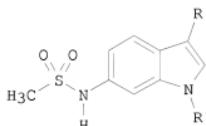
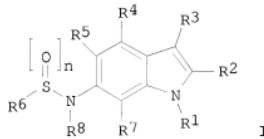
Patent location: claim 1
Note: or pharmaceutically acceptable salts or derivatives

L5 ANSWER 2 OF 6 MARPAT COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 147:235009 MARPAT
 TITLE: Preparation of indole sulfonamides as modulators of progesterone receptors
 INVENTOR(S): Bleisch, Thomas John; Clarke, Christian Alexander; Dodge, Jeffrey Alan; Jones, Scott Alan; Lopez, Jose Eduardo; Lugar, Charles Willis, III; Muehl, Brian Stephen; Richardson, Timothy Ivo; Yee, Ying Kwong; Yu, Kuo-Long
 PATENT ASSIGNEE(S): Eli Lilly and Company, USA
 SOURCE: PCT Int. Appl., 77 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2007087488 | A2 | 20070802 | WO 2007-US60626 | 20070117 |
| WO 2007087488 | A3 | 20070913 | | |
| WO 2007087488 | A9 | 20080828 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | |
| AU 2007208109 | A1 | 20070802 | AU 2007-208109 | 20070117 |

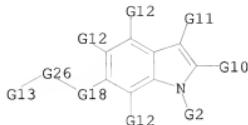
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|---|----|----------|------------------|----------|
| CA 2637933 | A1 | 20070802 | CA 2007-2637933 | 20070117 |
| EP 1979314 | A2 | 20081015 | EP 2007-762618 | 20070117 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,
BA, HR, MK, RS | | | | |
| JP 2009526762 | T | 20090723 | JP 2008-552526 | 20070117 |
| US 20090069400 | A1 | 20090312 | US 2008-160460 | 20080710 |
| KR 2008088609 | A | 20081002 | KR 2008-718146 | 20080723 |
| CN 101374808 | A | 20090225 | CN 2007-80003330 | 20080723 |
| MX 2008009543 | A | 20080805 | MX 2008-9543 | 20080724 |
| IN 2008KN03044 | A | 20090417 | IN 2008-KN3044 | 20080728 |
| NO 2008003553 | A | 20081020 | NO 2008-3553 | 20080814 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2006-761637P | 20060124 |
| | | | WO 2007-US60626 | 20070117 |

GI



AB Title compds. I [$n = 1, 2$; R1 = alkyl, alkenyl, alkynyl, etc.; R2 = H, halo, -CN, etc.; R3 = aryl, heteroaryl, bicyclic heteroaryl (wherein aryl, heteroaryl and bicyclic heteroaryl are optionally substituted with halo, -CN, -OH, etc.); R4, R5, R7 = H, halo, -OH, etc.; R6 = alkyl, haloalkyl, alkenyl, etc.; R8 = H, alkyl] and their pharmaceutically acceptable salts were prepared. For example, Pd(PPh₃)₄ catalyzed coupling reaction of N-[1-isopropyl-3-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-1H-indol-6-yl]methanesulfonamide, e.g., prepared from 6-nitroindole in 6 steps, with 2-bromo-5-chlorothiophene afforded compound II [R = 5-chlorothiophen-2-yl; R' = isopropyl]. In progesterone receptor (PR) binding assays, compound II [R = 4-cyanophenyl; R' = methyl] exhibited the Ki value of <50 nM. Compds. I are claimed useful for the treatment of leiomyomas, endometriosis, etc.

MSTR 1



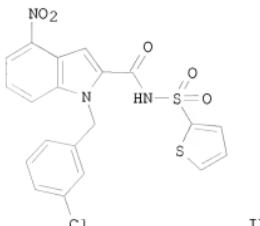
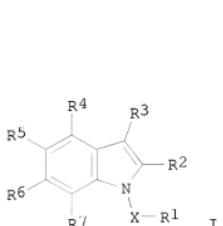
G2 = alkyl <containing 1-8 C>
 G11 = quinolinyl
 G13 = Me
 G18 = NH
 G26 = SO₂

Patent location: claim 1

Note: additional oxo formation also claimed
 Note: or pharmaceutically acceptable salts

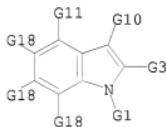
L5 ANSWER 3 OF 6 MARPAT COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 145:103547 MARPAT
 TITLE: Preparation of indole derivatives for treating
 Mycobacterium tuberculosis
 INVENTOR(S): Hulikal, Vijaykumar; Rao, Kudur Rangantha
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited
 SOURCE: PCT Int. Appl., 66 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| WO 2006067392 | A2 | 20060629 | WO 2005-GB4876 | 20051216 |
| WO 2006067392 | A3 | 20070308 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
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KG, KZ, MD, RU, TJ, TM | | | | |
| IN 2005DE03361 | A | 20080104 | IN 2005-DE3361 | 20051214 |
| CN 101087781 | A | 20071212 | CN 2005-80044401 | 20051216 |
| EP 1904487 | A2 | 20080402 | EP 2005-818623 | 20051216 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | | |
| JP 2008525394 | T | 20080717 | JP 2007-547617 | 20051216 |
| PRIORITY APPLN. INFO.: | | | GB 2004-28173 | 20041223 |



AB The title compds. I [X = a bond, CH₂; R₁ = H, alkyl (un)substituted aryl, heteroaryl; R₂ = CO₂H, CN, C(O)CH₂OH, etc.; R₃ = H, halo, alkyl, etc.; R₄ = NO₂, NHR₁₄, NHCOR₁₅, etc. (wherein R₁₄ = H, alkyl, (un)substituted aryl, heterocyclyl; R₁₅ = (un)substituted alkyl, aryl, heterocyclyl); R₅-R₇ = H, halo, a functional group, etc.], useful in the manufacture of a medicament for the treatment of Mycobacterium tuberculosis (M.tb), were prepared. Thus, reacting 1-(3-chlorobenzyl)-4-nitro-1H-indole-2-carboxylic acid with thiophene-2-sulfonamide afforded 65% II. All the exemplified compds. I have an IC₅₀ of <50 μM when tested in the enzyme assay. Pharmaceutical composition comprising the compound I is disclosed.

MSTR 1



G10 = naphthyl
G11 = 72

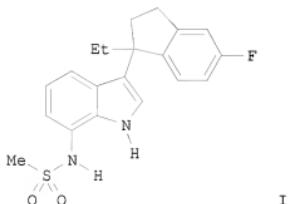
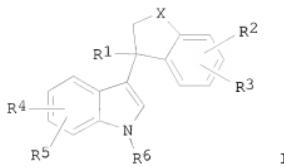
$\frac{\text{HN}}{72} - \text{SO}_2 - \text{G14}$

G14 = alkyl <containing 1-10 C>
Patent location: claim 1
Note: or pharmaceutically acceptable salts or in vivo hydrolysable esters

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

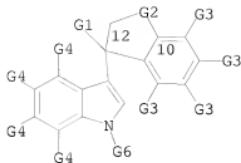
L5 ANSWER 4 OF 6 MARPAT COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 143:347052 MARPAT
 TITLE: Bicyclic substituted indole derivatives as steroid
 hormone nuclear receptor modulators, their
 preparation, pharmaceutical compositions, and use in
 therapy
 INVENTOR(S): Gavardinas, Konstantinos; Jadhav, Prabhakar Kondaji;
 Wang, Minmin
 PATENT ASSIGNEE(S): Eli Lilly and Company, USA
 SOURCE: PCT Int. Appl., 92 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|---------------------|------------------|----------|
| WO 2005092854 | A1 | 20051006 | WO 2005-US5240 | 20050218 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG | | | | |
| AU 2005226759 | A1 | 20051006 | AU 2005-226759 | 20050218 |
| CA 2557745 | A1 | 20051006 | CA 2005-2557745 | 20050218 |
| EP 1723105 | A1 | 20061122 | EP 2005-723294 | 20050218 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | | |
| CN 1926104 | A | 20070307 | CN 2005-80006709 | 20050218 |
| BR 2005007657 | A | 20070710 | BR 2005-7657 | 20050218 |
| JP 2007526304 | T | 20070913 | JP 2007-501817 | 20050218 |
| IN 2006KN02239 | A | 20070525 | IN 2006-KN2239 | 20060808 |
| US 20070185161 | A1 | 20070809 | US 2006-598330 | 20060824 |
| MX 2006009953 | A | 20061116 | MX 2006-9953 | 20060831 |
| PRIORITY APPLN. INFO.: | | | US 2004-549754P | 20040303 |
| OTHER SOURCE(S): | | CASREACT 143:347052 | WO 2005-US5240 | 20050218 |
| GI | | | | |



AB The invention relates to indole derivs. of formula I, which are modulators of steroid hormone nuclear receptors. In compds. I, X is CH₂, (CH₂)₂, (CH₂)₃, CH₂O, CH₂S, or (un)substituted CH₂N; R1 is H, Cl-4 alkyl, C₃-4 cycloalkyl, hydroxy-Cl-4 alkyl, halo-Cl-4 alkyl, etc.; R2 and R3 are independently selected from H, halo, Cl-4 alkyl, or (un)substituted heterocyclyl; R4 is H, halo, amino, nitro, Cl-4 alkyl, Cl-4 alkoxy, sulfonylamino, carbonylamino, Cl-4 alkylcarbonyl, and Cl-4 alkoxy carbonyl; R5 is H or halo; and R6 is H or Cl-4 alkyl; including pharmaceutically acceptable salts thereof. The invention also relates to the preparation of I, pharmaceutical compns. containing compound I in combination with a pharmaceutically acceptable carrier, diluent, or excipient, as well as to the use of the compns. for treatment of physiol. disorders, particularly congestive heart disease, hypertension, and atherosclerosis. Addition of ethylmagnesium bromide to 5-fluoroindan-1-one followed by condensation with N-(1*H*-indol-7-yl)methanesulfonamide (preparation in 2 steps from 7-nitroindole given) resulted in the formation of indanylinde derivative II. The two enantiomers of II were separated by chiral HPLC. Most of the compds. of the invention, including compound II and its enantiomers, express high affinity for mineralocorticoid and glucocorticoid receptors, with values for Ki ≤ 500 nM.

MSTR 1



G2 = CH₂
G4 = 41

₄₁HN—SO₂—G'7

G7 = Me
Patent location: claim 1
Note: or pharmaceutically acceptable salts
Note: substitution is restricted

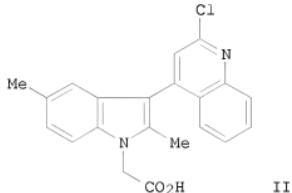
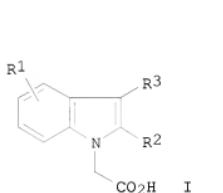
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 6 MARPAT COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 140:16644 MARPAT
TITLE: Preparation of indolylacetic acid derivatives to treat diseases mediated by prostaglandin D₂
INVENTOR(S): Birkinshaw, Timothy; Bonnert, Roger; Cook, Anthony;
Rasul, Rukhsana; Sangane, Hitesh; Teague, Simon
PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
SOURCE: PCT Int. Appl., '74 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2003101981 | A1 | 20031211 | WO 2003-SE855 | 20030527 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2003232712 | A1 | 20031219 | AU 2003-232712 | 20030527 |
| EP 1549634 | A1 | 20050706 | EP 2003-756137 | 20030527 |
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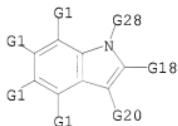
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| IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | |
| JP 2005534646 | T 20051117 | JP 2004-509672 | 20030527 |
| US 20050222201 | A1 20051006 | US 2004-516165 | 20041130 |
| PRIORITY APPLN. INFO.: | | SE 2002-1636 | 20020530 |
| | | SE 2002-3822 | 20021220 |
| | | WO 2003-SE855 | 20030527 |

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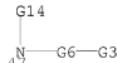


AB Title compds. I [R1 = H, halo, CN, NO₂, sulfonyl, OH, alkoxy, etc.; R2 = H, halo, CN, sulfonyl, carboxamido, CH₂OH, etc.; R3 = (un)substituted (hetero)aryl] are prepared. For instance, 2,5-dimethylindole is reacted with 4,7-dichloroquinoline (PhMe/THF, EtMgBr) and the resulting indole alkylated with Et bromoacetate (THF, NaH) and saponified to give II. Example compds. have IC₅₀ < 10 μM for the rhCRTh₂ receptor. I are useful in the treatment of respiratory disorders.

MSTR 1



G1 = 47



G3 = alkyl <containing 1-6 C> (opt. substd.)

G6 = SO₂

G20 = quinolinyl (opt. substd.)

Patent location: claim 1

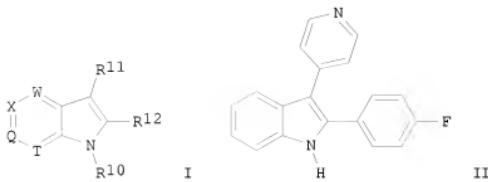
Note: or pharmaceutically acceptable salts or solvates
 Note: also incorporates claim 12, structure II
 Note: substitution is restricted

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 6 MARPAT COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 129:27933 MARPAT
 TITLE: Aryl and heteroaryl substituted fused pyrrole antiinflammatory agents
 INVENTOR(S): Zablocki, Jeffery A.; Tarlton, Eugene, Jr.; Rizzi, James P.; Mantlo, Nathan B.
 PATENT ASSIGNEE(S): Amgen Inc., USA; Zablocki, Jeffery A.; Tarlton, Eugene, Jr.; Rizzi, James P.; Mantlo, Nathan B.
 SOURCE: PCT Int. Appl., 258 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

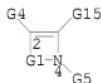
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 9822457 | A1 | 19980528 | WO 1997-US21344 | 19971118 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |
| RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| CA 2271767 | A1 | 19980528 | CA 1997-2271767 | 19971118 |
| AU 9852659 | A | 19980610 | AU 1998-52659 | 19971118 |
| AU 734841 | B2 | 20010621 | | |
| EP 948495 | A1 | 19991013 | EP 1997-947617 | 19971118 |
| EP 948495 | B1 | 20040414 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| CN 1246856 | A | 20000308 | CN 1997-181372 | 19971118 |
| HU 9903330 | A2 | 20000328 | HU 1999-3330 | 19971118 |
| JP 2001506980 | T | 20010529 | JP 1998-523914 | 19971118 |
| AT 264318 | T | 20040415 | AT 1997-947617 | 19971118 |
| ES 2215242 | T3 | 20041001 | ES 1997-947617 | 19971118 |
| MX 9904598 | A | 20000228 | MX 1999-4598 | 19990518 |
| KR 2000057137 | A | 20000915 | KR 1999-704405 | 19990519 |
| US 6180643 | B1 | 20010130 | US 1999-269600 | 19990608 |
| US 6440973 | B1 | 20020827 | US 2000-644102 | 20000823 |
| US 20030096819 | A1 | 20030522 | US 2002-175182 | 20020618 |
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| PRIORITY APPLN. INFO.: | | | | |
| | | | US 1996-31207P | 19961119 |
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GI



AB The invention comprises a new class of novel aryl- and heteroaryl-substituted fused pyrrole compds. I [W, X, Q, T = N, CH, CR1-4; R1-4 = -Z-Y with provisos; Z = bond, alk(ane/ene/yne)diyl, heterocyclediyl, (hetero)arylene; Y = H (when Z ≠ bond), halo, cyano, NO₂, various acyl, (un)substituted OH, SH, or NH₂; R10 = H, (un)substituted alk(en/yn)yl, various acyl or sulfonyl groups; R11, R12 = (un)substituted (hetero)aryl]. The compds. are useful for the prophylaxis and treatment of diseases or conditions mediated by TNF- α , IL-1 β , IL-6 and/or IL-8, and other maladies, such as pain and diabetes. In particular, the compds. are useful for prophylaxis and treatment of inflammatory diseases or conditions. The invention also comprises pharmaceutical compns., methods of prophylaxis and treatment, use of compds. and compns., and intermediates and preparatory processes. For instance, amidation of 4-(2-aminobenzoyl)pyridine with 4-fluorobenzoyl chloride, and cyclization of the resultant keto amide using low-valent Ti from K/graphite/TiCl₃, gave title compound II. This compound inhibited cyclooxygenase in vitro with an IC₅₀ of ≤ 5 μ M.

MSTR 1



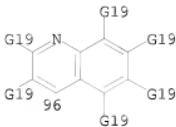
G1 = 8-2 9-4



G2 = 41

₄₁C—G3

G4 = 96



G21 = 121

$\text{HN} - \text{SO}_2 - \text{G28}$
121

G28 = Me
Derivative:
Patent location:
Note: or pharmaceutically acceptable salts
claim 1
substitution is restricted

REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 14:58:56 ON 09 SEP 2009)

FILE 'REGISTRY' ENTERED AT 14:59:47 ON 09 SEP 2009

L1 STRUCTURE uploaded
L2 5 S L1 SAM
L3 55 S L1 FULL

FILE 'CA' ENTERED AT 15:00:16 ON 09 SEP 2009
L4 3 S L3

FILE 'MARPAT' ENTERED AT 15:02:01 ON 09 SEP 2009
L5 6 S L1 FULL

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Executing the logoff script...

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STN INTERNATIONAL LOGOFF AT 15:03:03 ON 09 SEP 2009